IN THE CLAIMS:

This Listing of Claims will replace all prior versions, and listings, of claims

in the subject Patent Application:

Listing of Claims:

1. (Currently Amended) A communications and data display system ~~for use~~

~~on a common protocol wireless network~~ comprising:

a projection system for displaying a shared image, the projection system

including a projector wireless transceiver and a controller; and

at least first and second data appliances each operable to display at least a

portion of the shared image thereat, the first and second data

appliances respectively including ~~a~~ first and second wireless

transceivers, wherein:

the first and second wireless transceivers are independently operable

to transfers graphical data ~~over the common protocol wireless~~

~~network~~ to the projector wireless transceiver;

the projection system displays the shared image responsive to the

graphical data; and

the transfer ~~and the display~~ of the graphical data and display of the

shared image are ~~is~~ controlled by the controller using first

control data, ~~the first control data being transferred over the~~

~~common protocol wireless network~~;

whereby each of the first and second data appliances provides a capability to modify the shared image.

2.   (**Currently Amended**) The communications and data display system of claim 1, ~~further comprising:~~

~~a second data appliance including a second wireless transceiver,~~ wherein:

the first wireless transceiver transfers a first signal ~~over the common protocol wireless network~~ to the projector wireless transceiver;

the projector wireless transceiver transfers the first signal ~~over the common protocol wireless network~~ to the second wireless transceiver; and

the transfer of the first signal from the first data appliance to the second data appliance is controlled by the controller using second control data, ~~the second control data being transferred over the common protocol wireless network~~.

3.   (**Currently Amended**) The communications and data display system of claim 2, wherein:

the second wireless transceiver transfers a second signal ~~over the common protocol wireless network~~ to the projector wireless transceiver;

the projector wireless transceiver transfers the second signal ~~over the~~

~~common protocol wireless network~~ to the first wireless transceiver;

and

the transfer of the second signal from the second data appliance to the first

data appliance is controlled by the controller using the second

control data.

4.   (**Currently Amended**) The communications and data display system of

claim 1, wherein:

the projection system further comprises an interface to an external network;

the first wireless transceiver transfers a first signal ~~over the common~~

~~protocol wireless network~~ to the projector wireless transceiver;

the projector wireless transceiver transfers the first signal to the external

network; and

the transfer of the first signal from the first data appliance to the external

network is controlled by the controller using third control data, ~~the~~

~~third control data being transferred over the common protocol~~

~~wireless network~~.

5.   (**Currently Amended**) The communications and data display system of

claim 4, wherein:

the external network transfers a second signal to the projector wireless

transceiver;

the projector wireless transceiver transfers ~~over the common protocol~~

~~wireless network~~ the second signal to the first wireless transceiver;

and

the transfer of the second signal from the external network to the first data

appliance is controlled by the controller using the third control data.

6.   (Previously Presented) The communications and data display system of

claim 1, wherein:

the first data appliance further comprises a graphics chip, a processing unit,

a memory and a MUX;

the processing unit takes keyboard input from a local keyboard;

the processing unit takes memory graphics input from the memory and

provides processing-unit memory output to the memory;

the processing unit provides processing-unit graphics output to the graphics

chip and to the MUX;

the processing unit provides processing-unit control output to the MUX;

the graphics chip provides graphics-chip output to a local display and to the

MUX; and

the MUX provides MUX output to the first wireless transceiver, the MUX

output having a compression format selected from the group

consisting of compressed and uncompressed.

7.   (**Currently amended**) The communications and data display system of

claim 1, wherein:

the projection system further comprises a graphics converter and a

projector;

the graphics converter receives the graphical data from the projector

wireless transceiver and transfers uncompressed graphical data to the

projector; and

the projector displays the shared image responsive to the uncompressed

graphical data.

8.   (Previously Presented) The communications and data display system of

claim 7, wherein the graphics converter includes an application-aware graphics

chip that transforms compressed graphics data to the uncompressed graphics data.

9.   (Previously Presented) The communications and data display system of

claim 8, wherein:

the compressed graphical data includes compressed motion graphics or

video data; and

the uncompressed graphical data includes uncompressed motion graphics or video data.

10. (**Currently Amended**) A communications and data display system ~~for use on a common protocol wireless network~~ comprising:

a projection system for displaying a shared image, the projection system including a projector wireless receiver and a controller; and

at least first and second data appliances each operable to display at least a portion of the shared image thereat, the first and second data appliances respectively including ~~a~~ first and second wireless transmitters, wherein:

the first and second wireless transmitters are independently operable to transfers graphical data ~~over the common protocol wireless network~~ to the projector wireless receiver;

the projection system displays the shared image responsive to the graphical data; and

the transfer ~~and the display~~ of the graphical data and display of the shared image are ~~is~~ controlled by the controller using control data~~, the control data being transferred over the common protocol wireless network~~;

whereby each of the first and second data appliances provides a capability to modify the shared image.

11.   (Previously Presented) The communications and data display system of claim 10, wherein:

the first data appliance further comprises a graphics chip, a processing unit, a memory and a MUX;

the processing unit takes keyboard input from a local keyboard;

the processing unit takes memory graphics input from the memory and provides processing-unit memory output to the memory;

the processing unit provides processing-unit graphics output to the graphics chip and the MUX;

the processing unit provides processing-unit control output to the MUX;

the graphics chip provides graphics-chip output to a local display and to the MUX; and

the MUX provides MUX output to the first wireless transmitter, the MUX output having a compression format selected from the group consisting of compressed and uncompressed.

12.   (**Currently amended**) The communications and data display system of claim 10, wherein:

the projection system further comprises a graphics converter and a projector;

the graphics converter receives the graphical data from the projector

wireless receiver and transfers uncompressed graphical data to the

projector; and

the projector displays <u>the shared</u> image <u>responsive to</u> the uncompressed

graphical data.

13. (Previously Presented) The communications and data display system of

claim 12, wherein the graphics converter includes an application-aware graphics

chip that transforms compressed graphics data to the uncompressed graphics data.

14. **(Currently Amended)** A method for communication and data display ~~over~~

~~a common protocol wireless network~~, comprising:

transmitting graphical data ~~over the common protocol wireless network~~

from <u>at least one of</u> first <u>and second</u> wireless transceiver<u>s</u> ~~of a~~

<u>respective</u> first <u>and second</u> data appliance<u>s</u> to a projector wireless

transceiver of a projection system;

displaying <u>a shared image responsive to</u> the graphical data with the

projection system;

<u>displaying at each of the first and second data appliances at least a portion</u>

<u>of the shared image;</u> and

controlling the transmitting of the graphical data and the displaying of the

<u>shared image</u> ~~graphical data~~ with a controller using first control

data, the first control data being transferred over the common protocol wireless network;

whereby each of the first and second data appliances provides a capability to modify the shared image.

15. (**Currently Amended**) The method of claim 14, further comprising:

transmitting a first signal over the common protocol wireless network from the first wireless transceiver to the projector wireless transceiver;

transmitting the first signal over the common protocol wireless network from the projector wireless transceiver to a the second wireless transceiver of a the second data appliance; and

controlling the transmission of the first signal from the first data appliance to the second data appliance with the controller using second control data, the second control data being transferred over the common protocol wireless network.

16. (**Currently Amended**) The method of claim 15, further comprising:

transmitting a second signal over the common protocol wireless network from the second wireless transceiver to the projector wireless transceiver;

transmitting the second signal ~~over the common protocol wireless network~~ from the projector wireless transceiver to the first wireless transceiver; and

controlling the transmission of the second signal from the second data appliance to the first data appliance with the controller using the second control data.

17.   (**Currently Amended**) The method of claim 14, further comprising:

transmitting a first signal ~~over the common protocol wireless network~~ from the first wireless transceiver to the projector wireless transceiver;

transmitting the first signal from the projector wireless transceiver to an external network, the projection system including an interface to the external network; and

controlling the transmission of the first signal from the first data appliance to the external network with the controller using third control data~~,~~ ~~the third control data being transferred over the common protocol wireless network~~.

18.   (**Currently Amended**) The method of claim 17, further comprising:

transmitting a second signal from the external network to the projector wireless transceiver;

transmitting the second signal ~~over the common protocol wireless network~~ from the projector wireless transceiver to the first wireless transceiver; and

controlling the transmission of the second signal from the external network to the first data appliance with the controller using the third control data.

19. (Previously Presented) The method of claim 14, further comprising:

transmitting a keyboard input from a local keyboard to the first data appliance;

converting compressed graphical data to uncompressed graphical data at the first data appliance; and

controlling a flow of uncompressed graphical data and compressed graphical data to the first wireless transceiver.

20 (Previously Presented) The method of claim 19, wherein:

the compressed graphical data includes compressed motion graphics or video data; and

the uncompressed graphical data includes uncompressed motion graphics or video data.

21. (**Currently amended**) The method of claim 14, further comprising:

converting compressed graphical data to uncompressed graphical data at the

projection system;

controlling a flow of uncompressed graphical data to a projector of the

projection system; and

using the projector to display the shared image responsive to the

uncompressed graphical data.

22. (Original) The method of claim 21, wherein converting compressed

graphical data to uncompressed graphical data includes using an application-aware

graphics chip to transform compressed graphical data to uncompressed graphical

data.

23. (**Currently Amended**) The communications and data display system of

claim 1, wherein the first control data includes at least one of:

projector control data of the projection system; and

a first control signal of the first data appliance transferred ~~over the~~

~~common protocol wireless network~~ from the first wireless

transceiver to the controller via the projector wireless transceiver.

24. (**Currently Amended**) The communications and data display system of

claim 2, wherein the second control data includes at least one of:

projector control data of the projection system;

a first control signal of the first data appliance transferred ~~over the~~ ~~common protocol wireless network~~ from the first wireless transceiver to the controller via the projector wireless transceiver; and

a second control signal of the second data appliance transferred ~~over the~~ ~~common protocol wireless network~~ from the second wireless transceiver to the controller via the projector wireless transceiver.

25. **(Currently Amended)** The communications and data display system of claim 4, wherein the third control data includes at least one of:

projector control data of the projection system;

a first control signal of the first data appliance transferred ~~over the~~ ~~common protocol wireless network~~ from the first wireless transceiver to the controller via the projector wireless transceiver; and

an external control signal of the external network transferred to the controller via the interface to the external network.

26. **(Currently Amended)** The communications and data display system of claim 10, wherein the control data includes at least one of:

projector control data of the projection system; and

a first control signal of the first data appliance transferred ~~over the~~

~~common protocol wireless network~~ from the first wireless

transmitter to the controller via the projector wireless receiver.

27. **(Currently Amended)** The communications and data display system of

claim 14, wherein the first control data includes at least one of:

projector control data of the projection system; and

a first control signal of the first data appliance transferred ~~over the~~

~~common protocol wireless network~~ from the first wireless

transceiver to the controller via the projector wireless transceiver.

28. **(Currently Amended)** The communications and data display system of

claim 15, wherein the second control data includes at least one of:

projector control data of the projection system;

a first control signal of the first data appliance transferred ~~over the~~

~~common protocol wireless network~~ from the first wireless

transceiver to the controller via the projector wireless transceiver;

and

a second control signal of the second data appliance transferred ~~over the~~

~~common protocol wireless network~~ from the second wireless

transceiver to the controller via the projector wireless transceiver.

29. **(Currently Amended)** The communications and data display system of

claim 17, wherein the third control data includes at least one of:

projector control data of the projection system;

a first control signal of the first data appliance transferred ~~over the~~

~~common protocol wireless network~~ from the first wireless

transceiver to the controller via the projector wireless transceiver;

and

an external control signal of the external network transferred to the

controller via the interface to the external network.

30. **(Currently amended)** The communications and data display system of

claim 1, wherein the graphical data is transferred ~~common protocol wireless~~

~~network operates~~ at frequencies of approximately 5 GHz.

31. **(Currently amended)** The communications and data display system of

claim 10, wherein the graphical data is transferred ~~common protocol wireless~~

~~network operates~~ at frequencies of approximately 5 GHz.

32. **(Currently amended)** The method for communication and data display of

claim 14, wherein the graphical data is transferred ~~common protocol wireless~~

~~network operates~~ at frequencies of approximately 5 GHz.